

FIG. 1

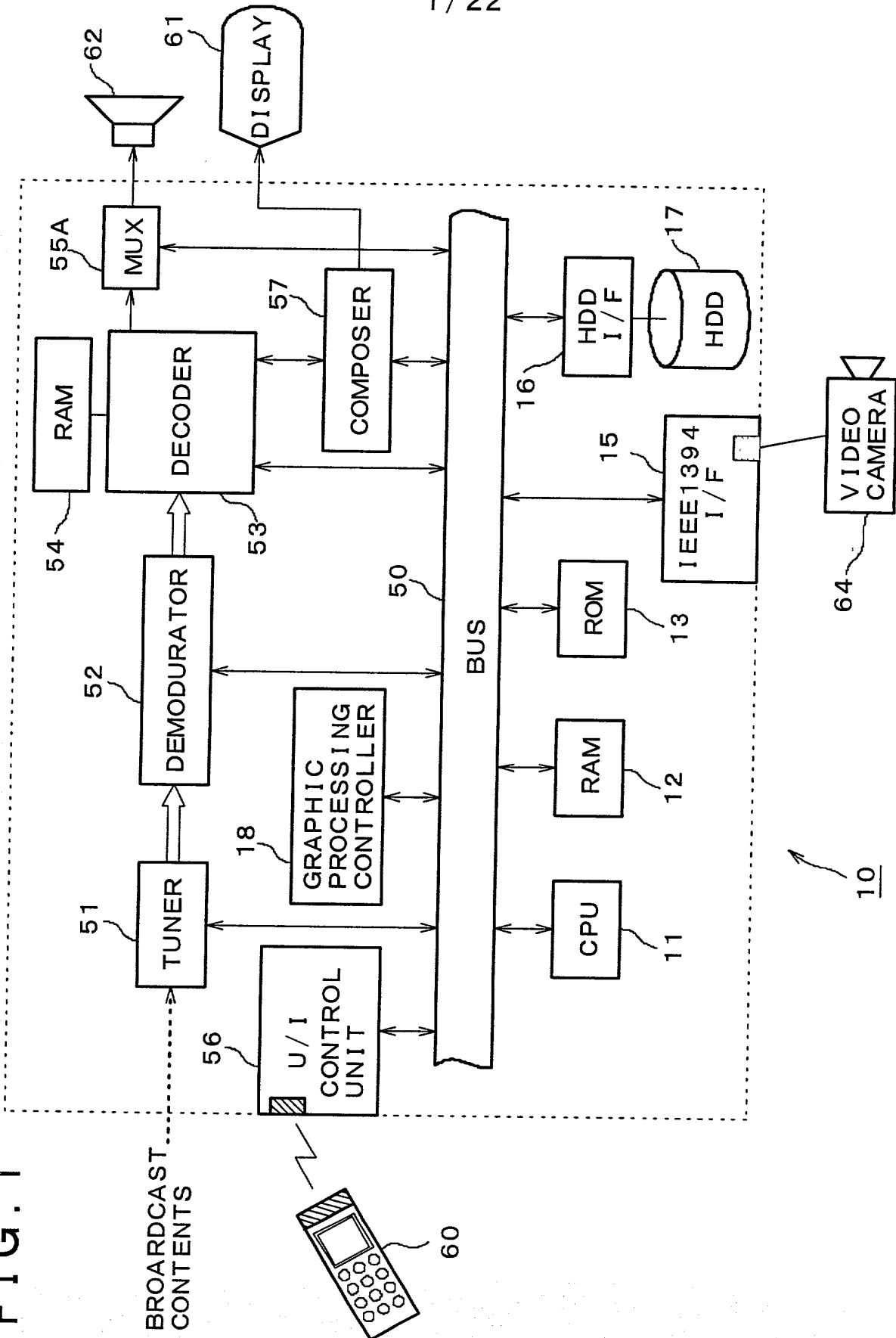


FIG. 2

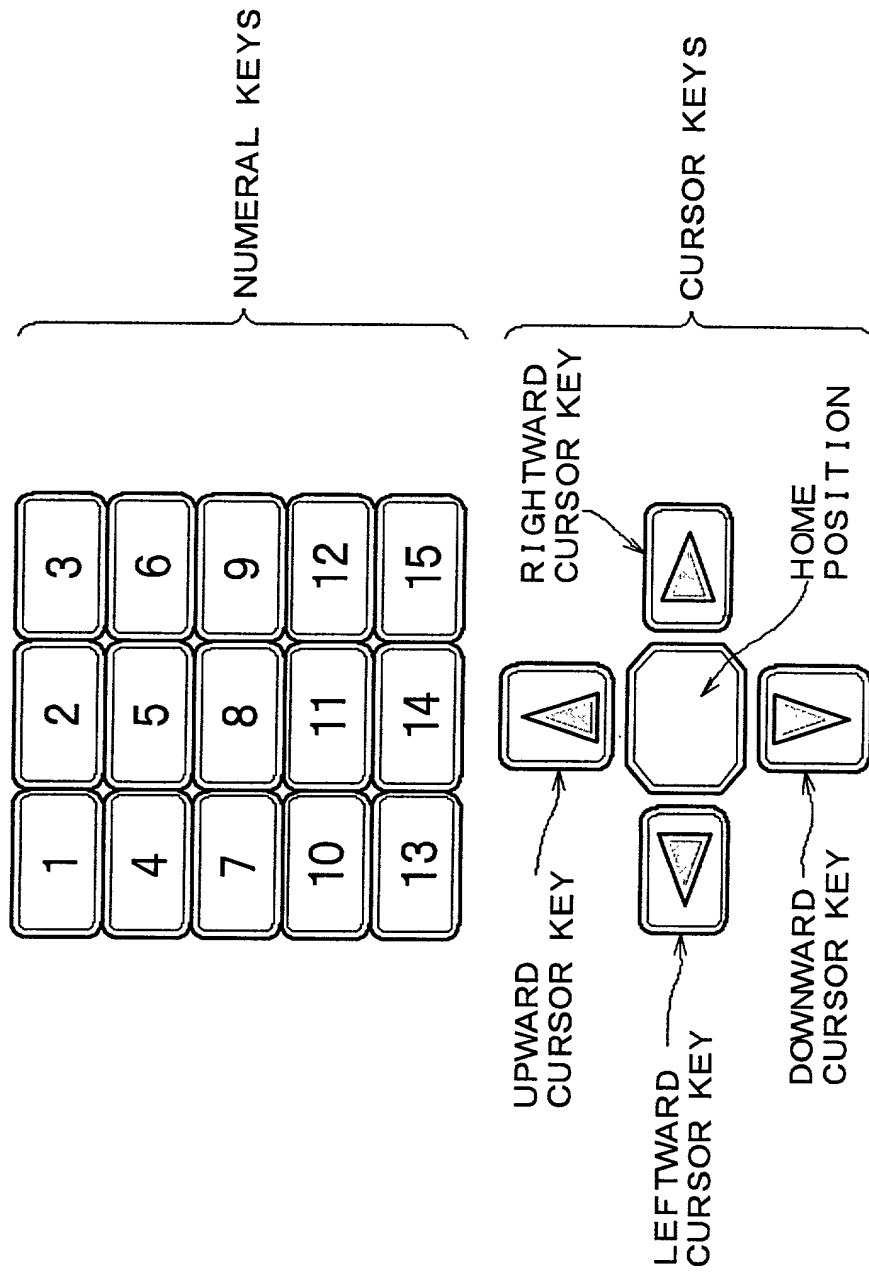


FIG. 3

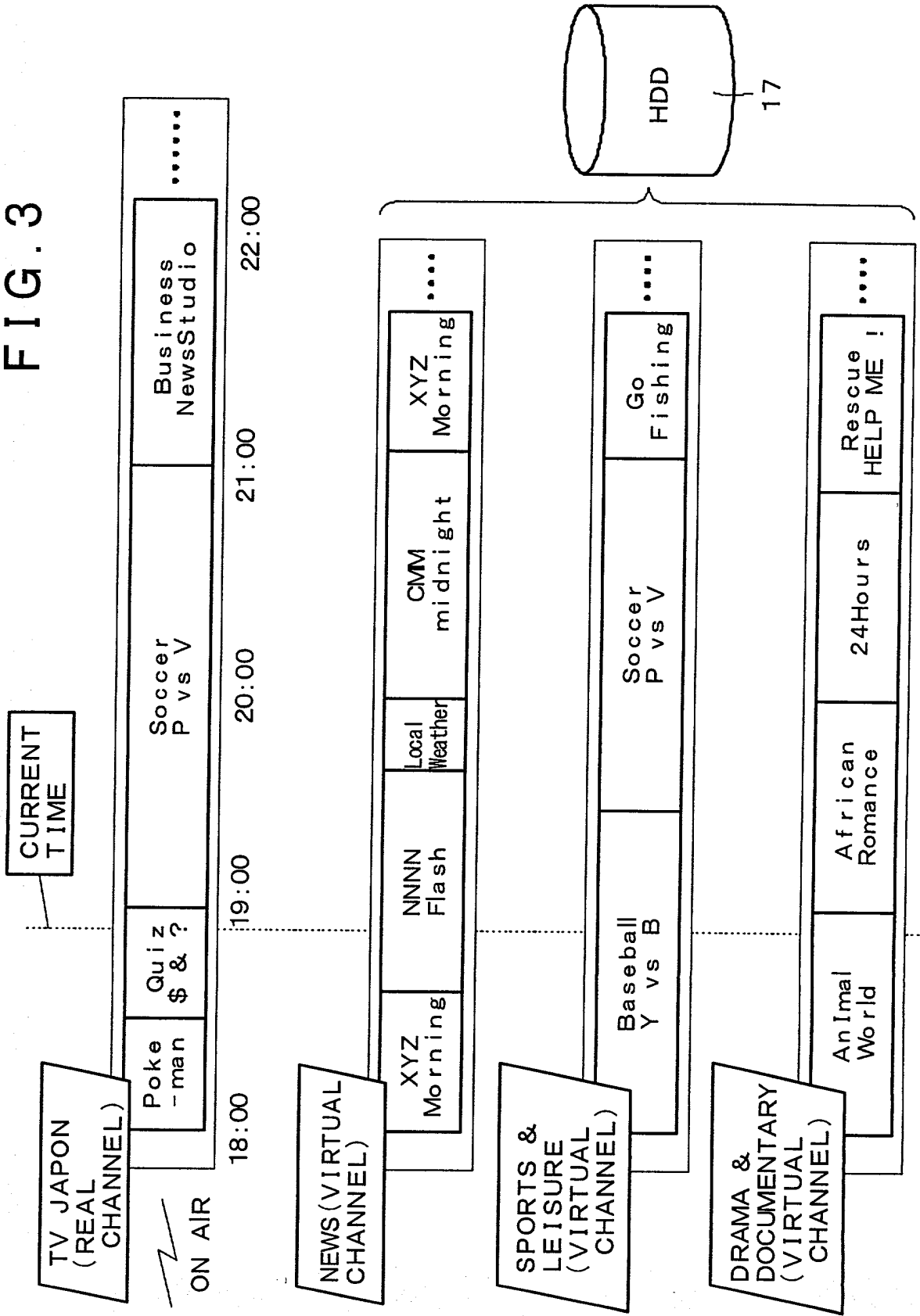


FIG. 4

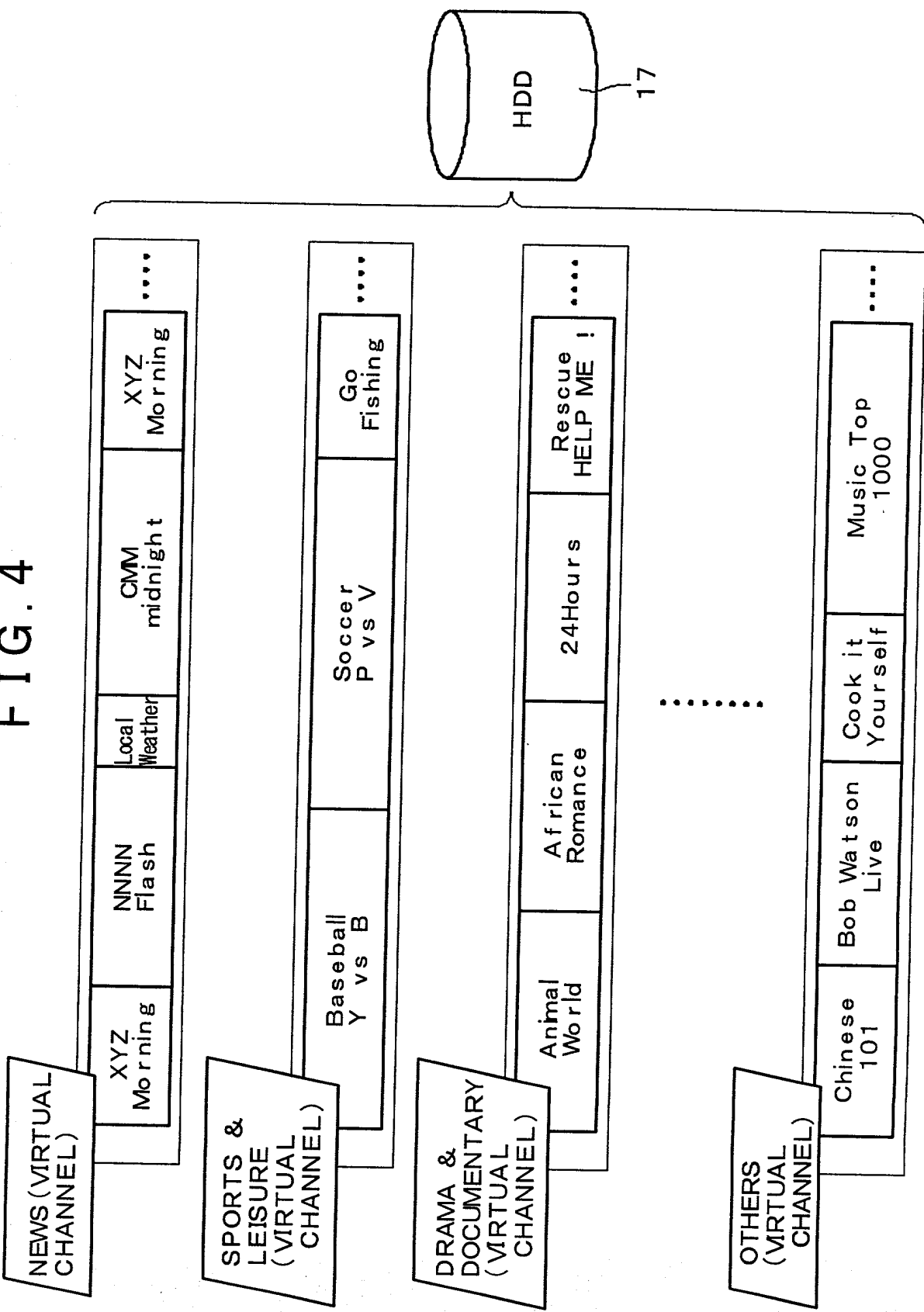


FIG. 5

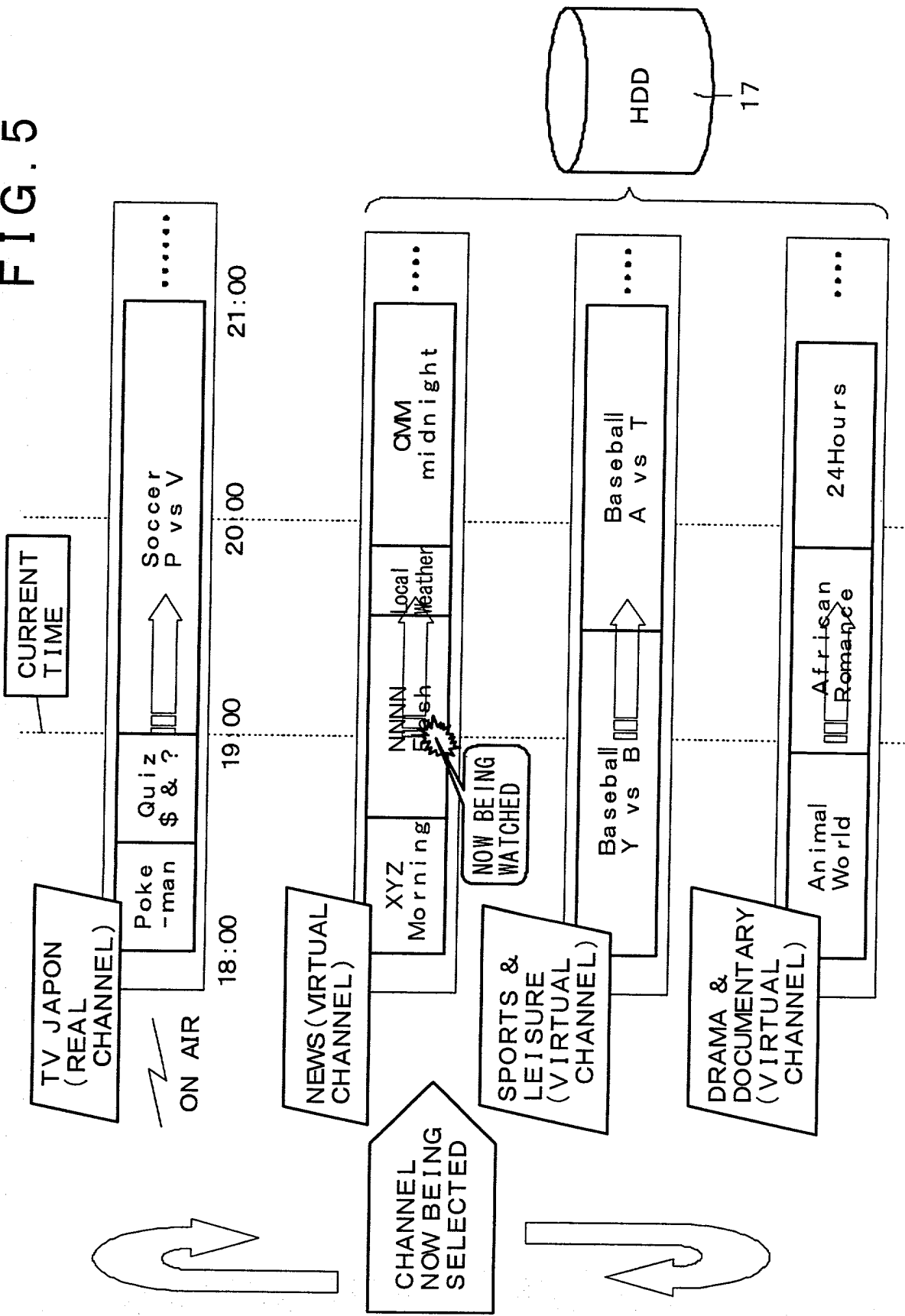


FIG. 6

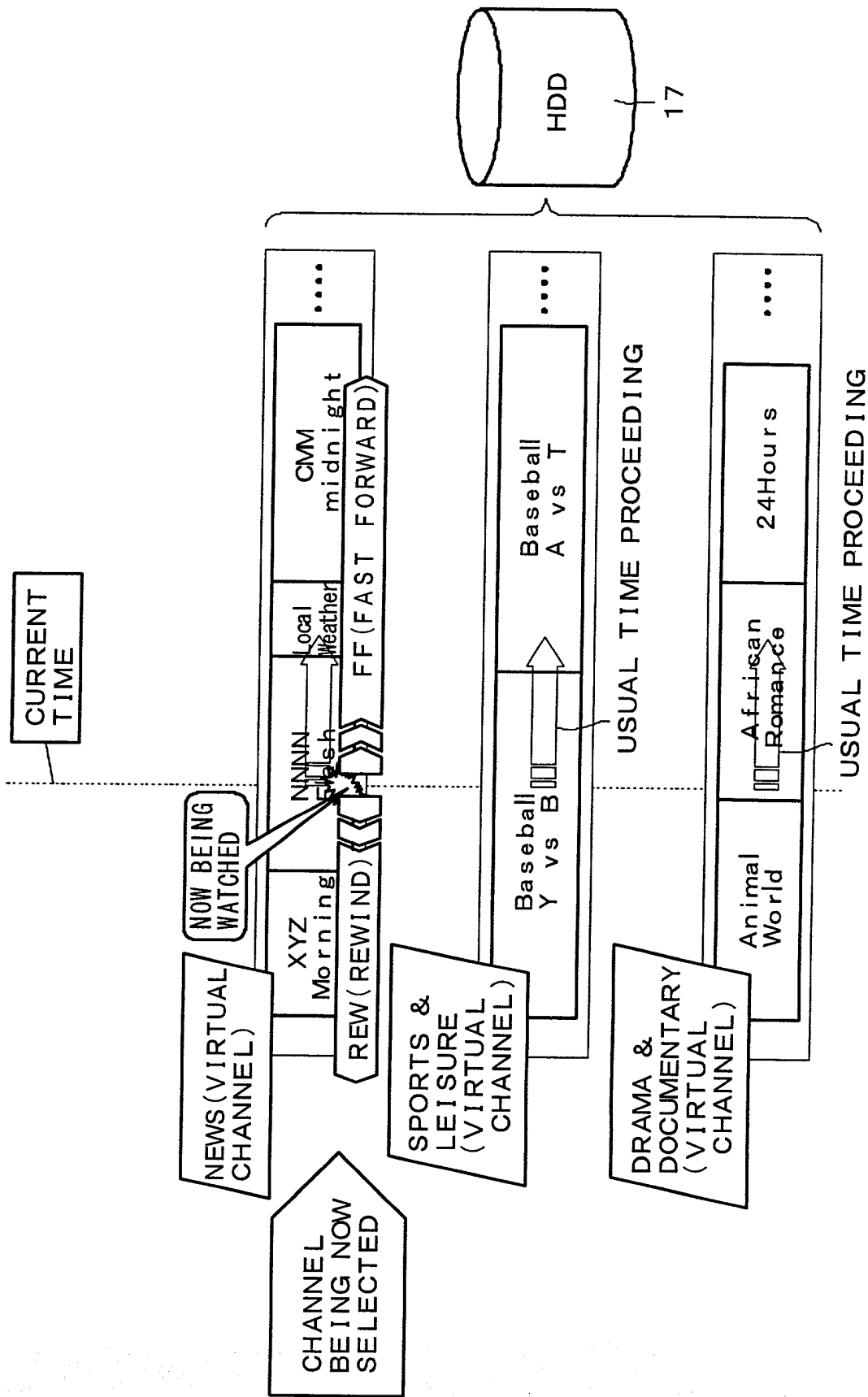


FIG. 7

CURRENT
TIME

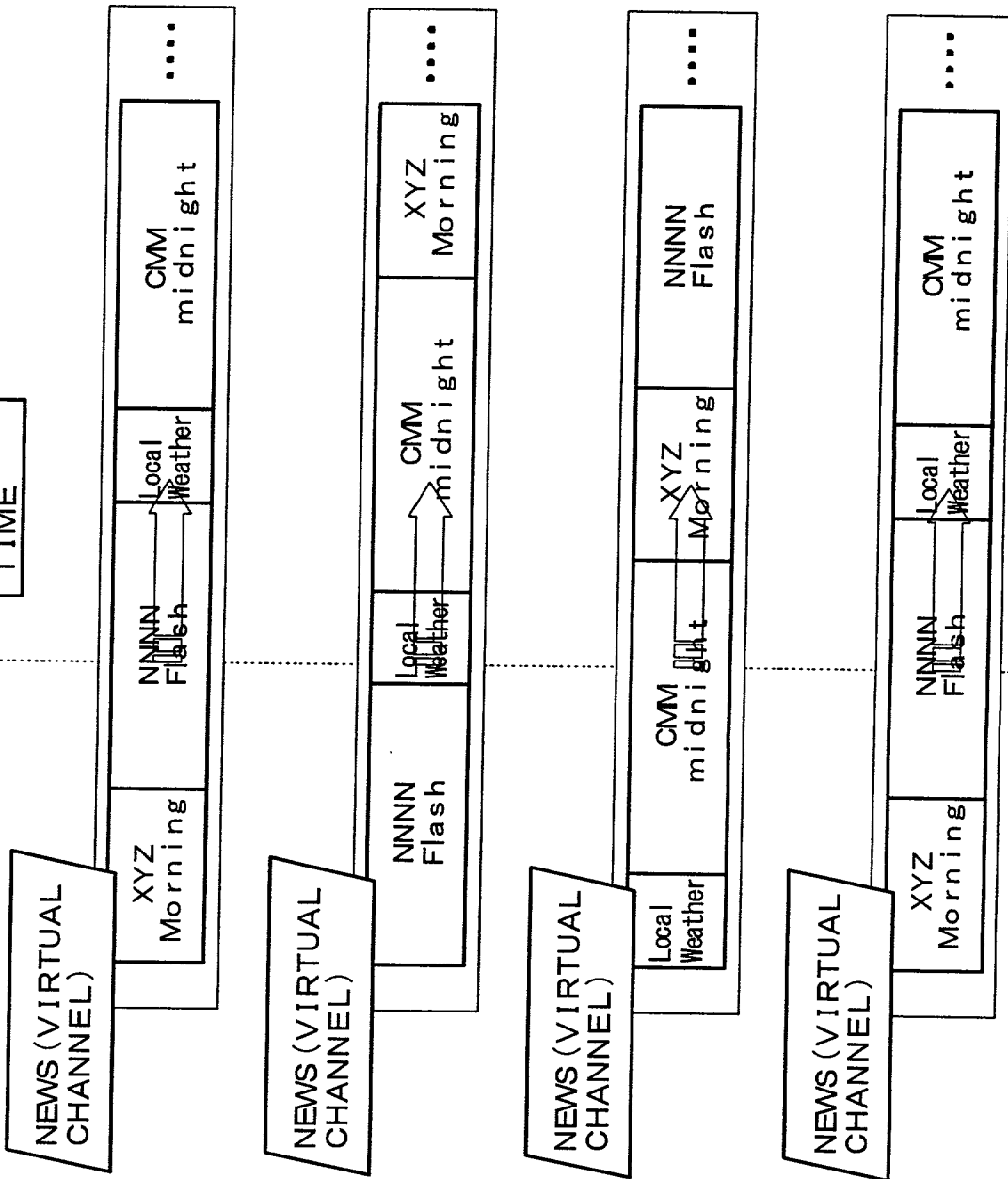


FIG. 8

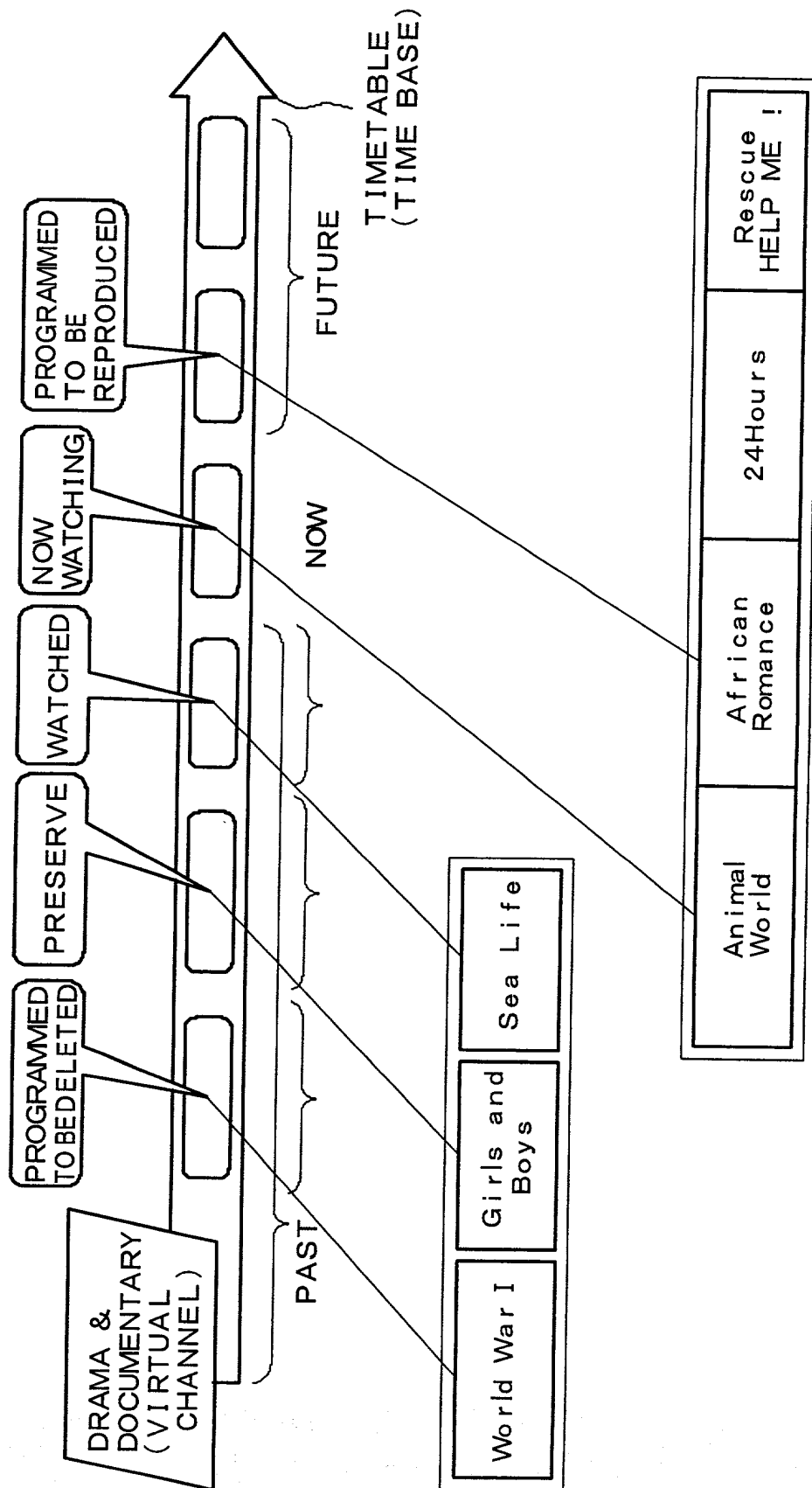


FIG. 9

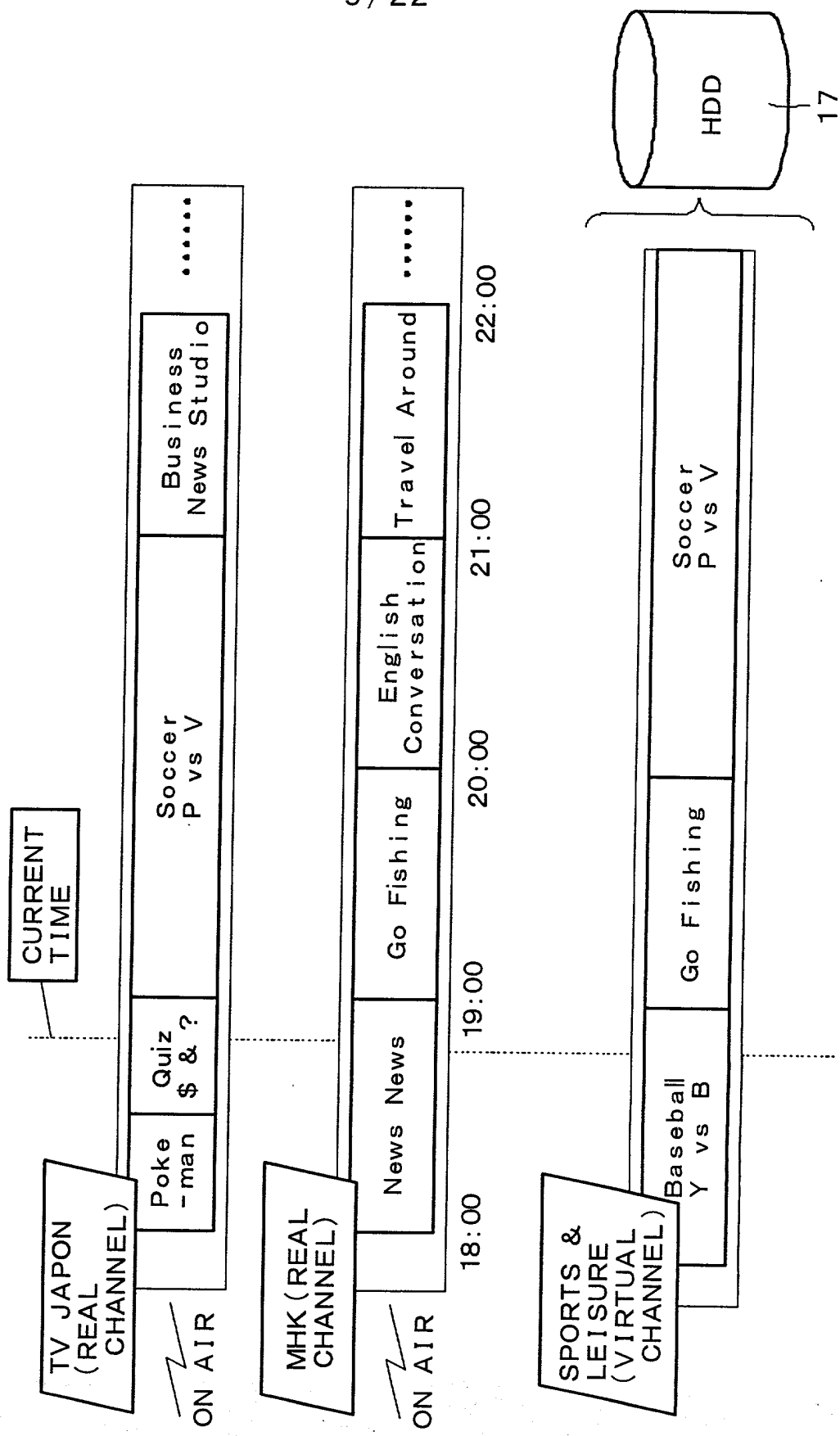


FIG. 10

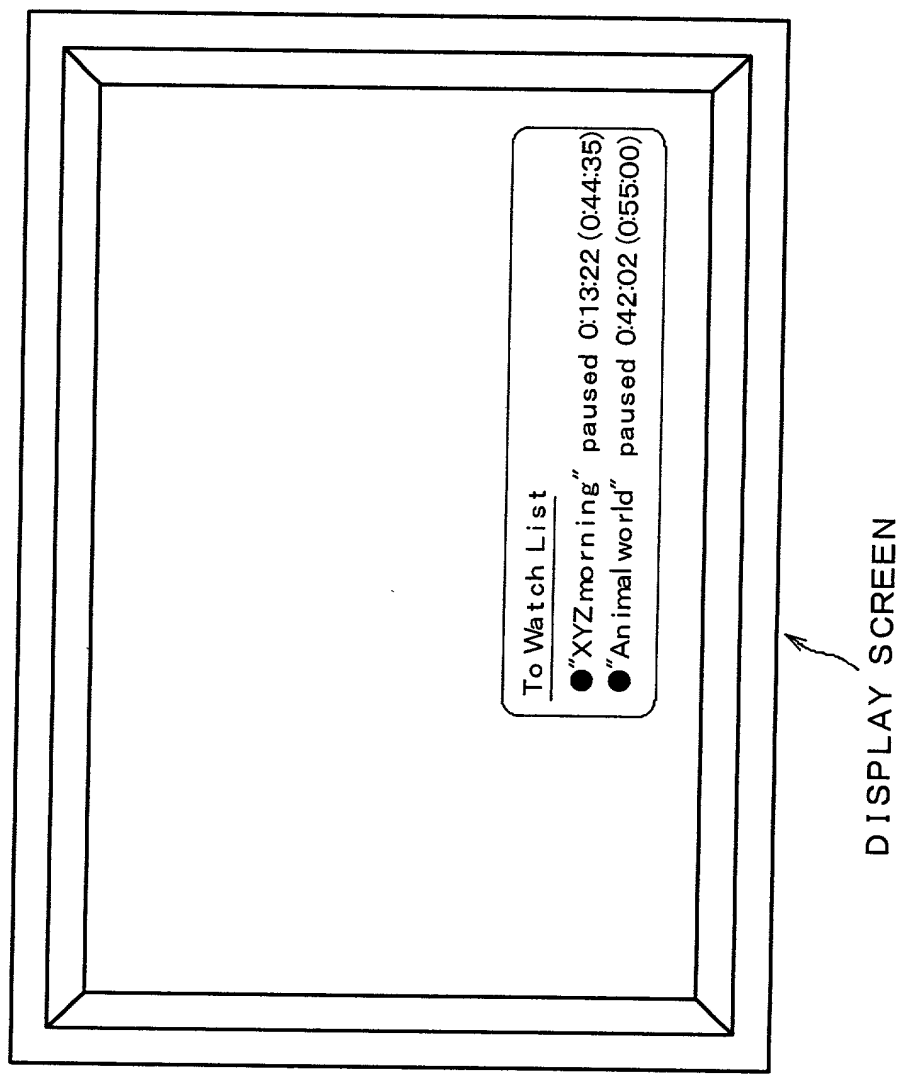


FIG. 11

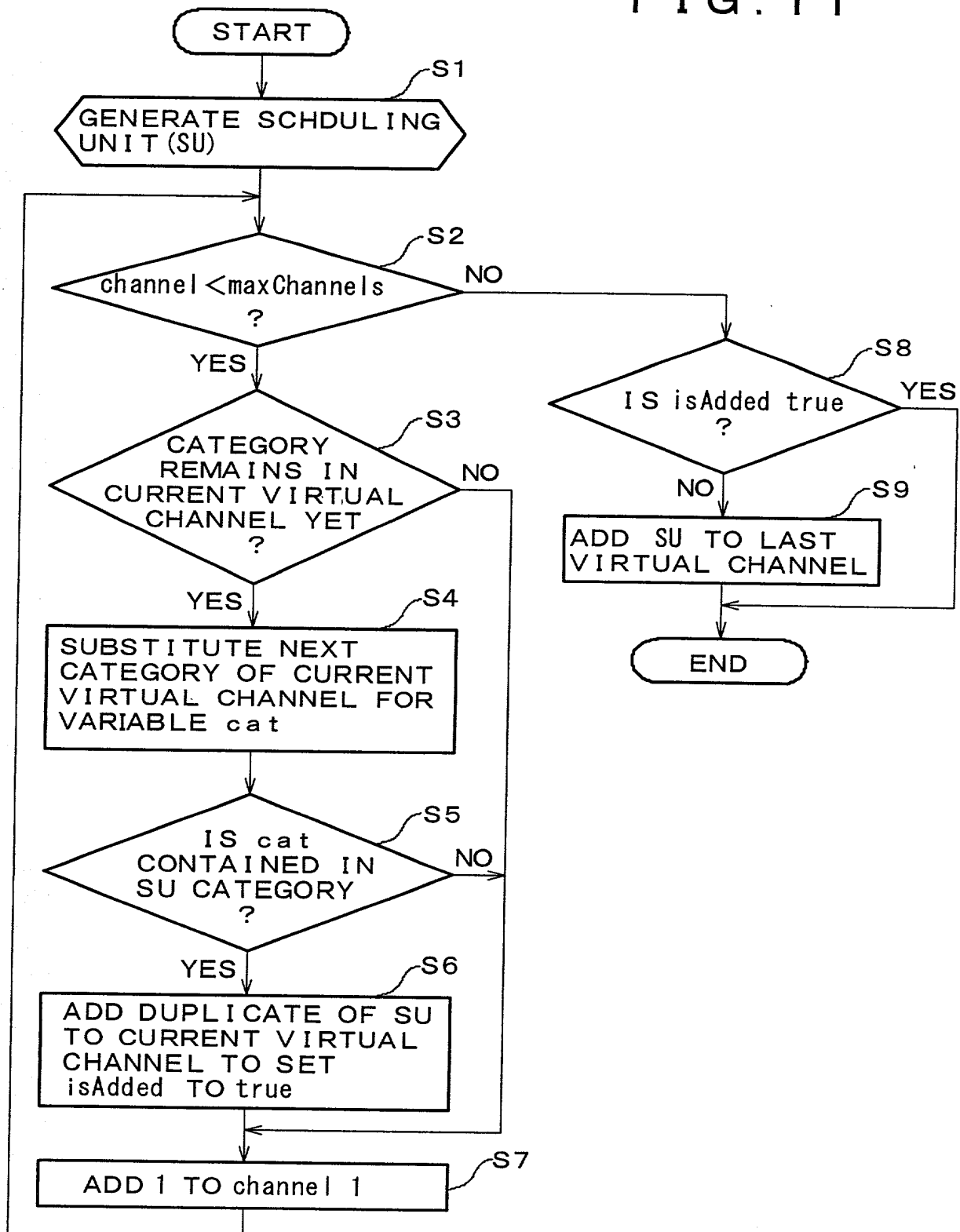


FIG. 12

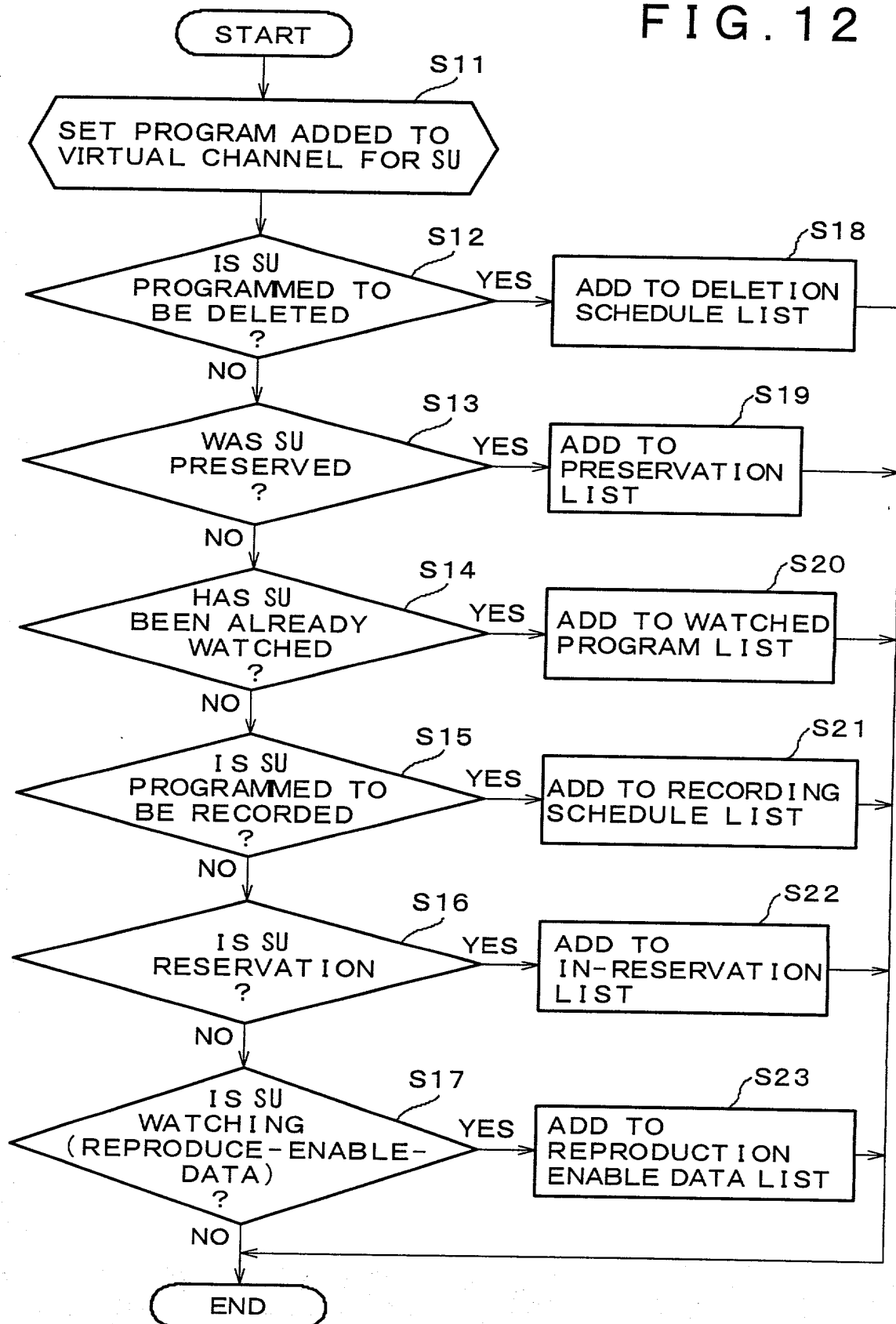


FIG. 13

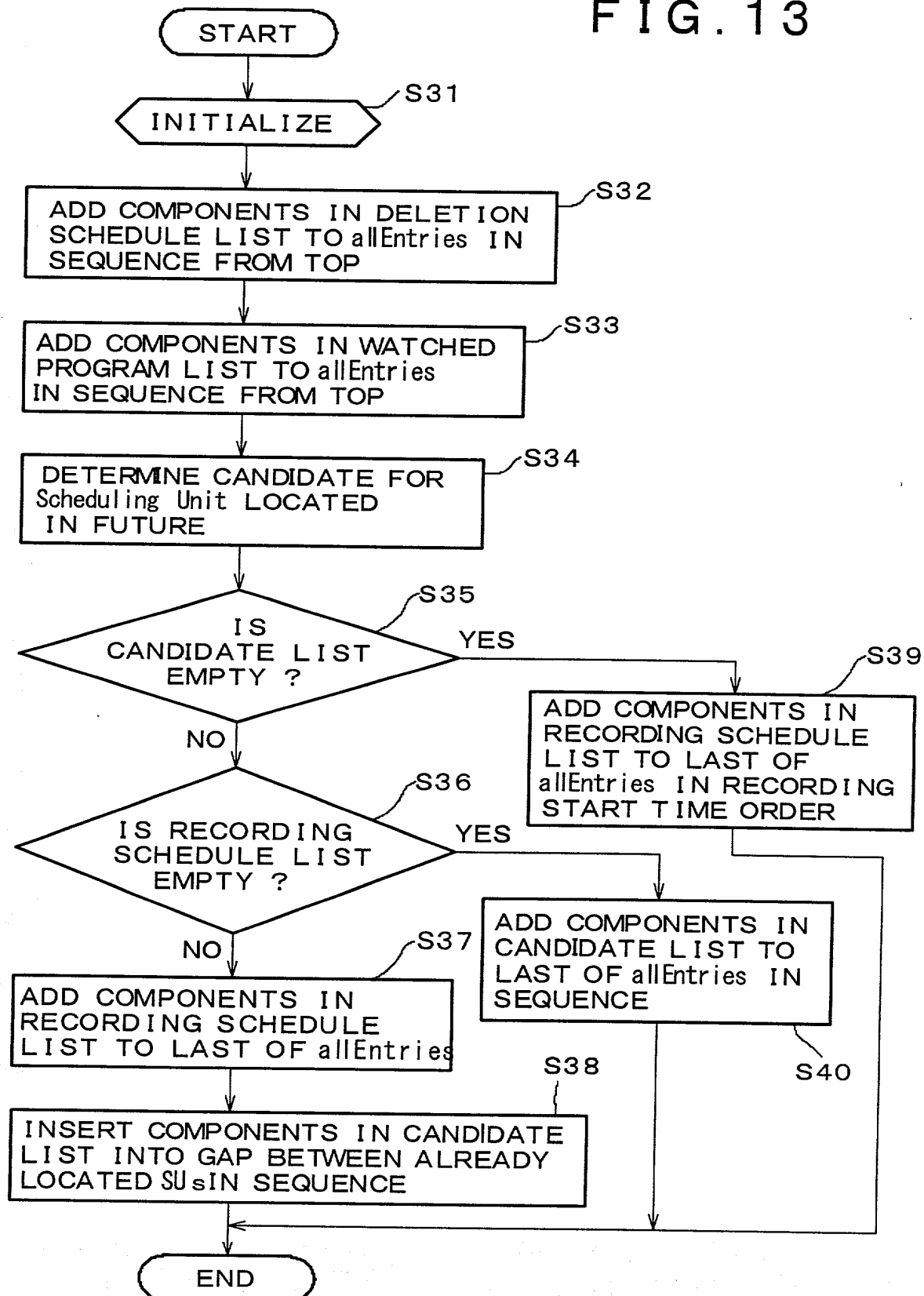


FIG. 14

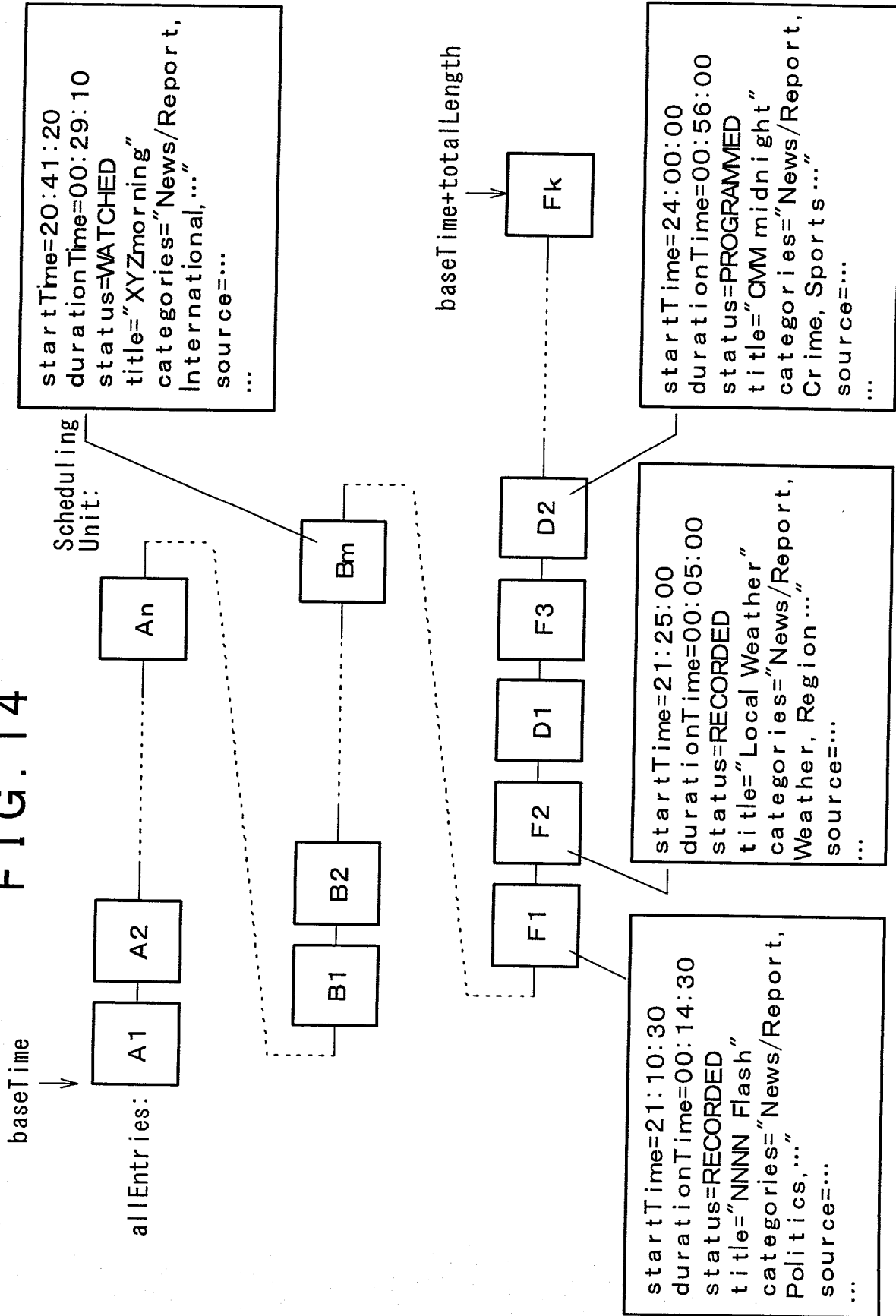


FIG. 15

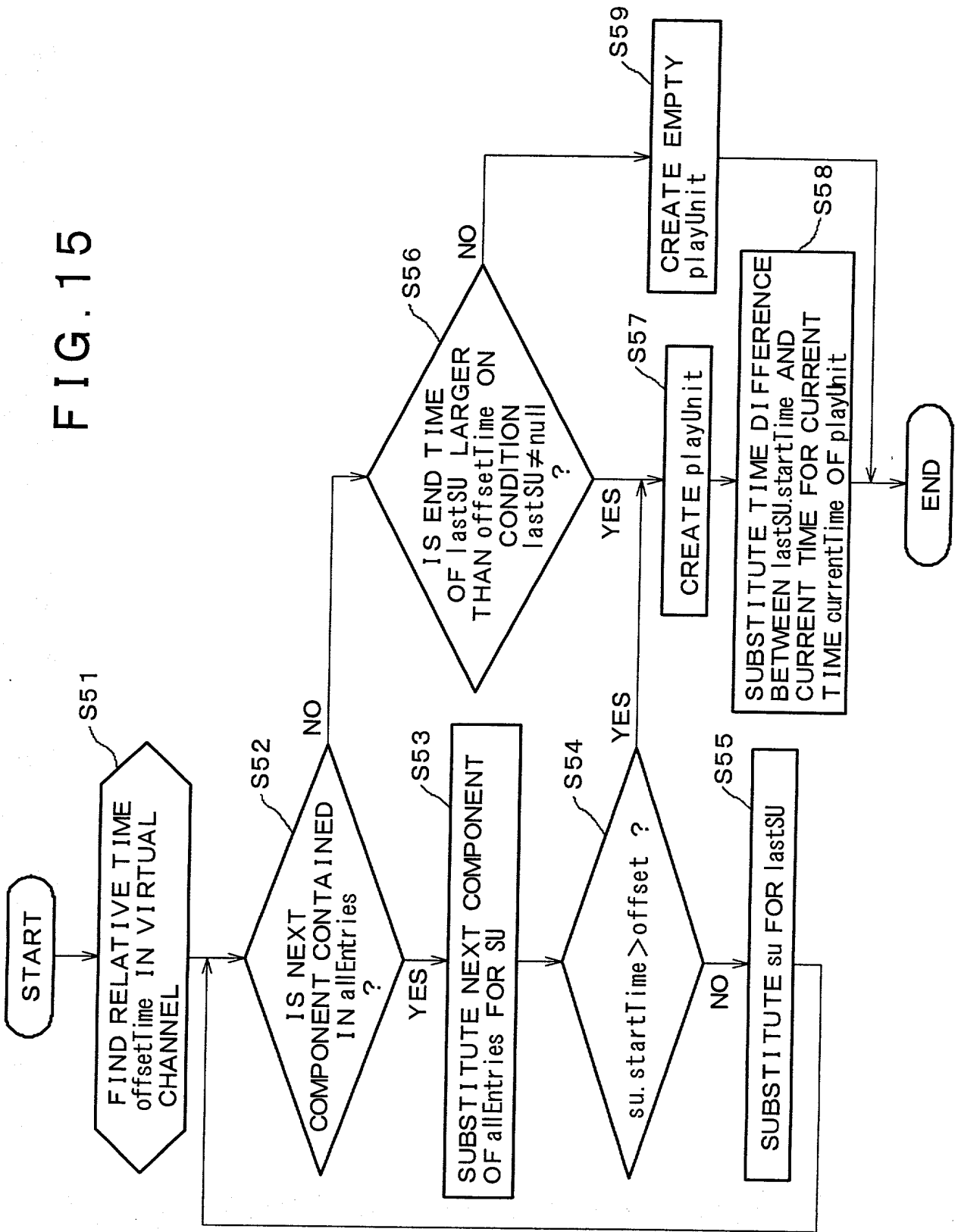


FIG. 16

```
class Scheduling Unit {  
    Time startTime;  
    long durationTime;  
    int status;  
    String title;  
    Set categories;  
    TVContent source;  
}
```


FIG. 17

```
class PlayUnit {  
    MediaLocator media;  
    long startPosition;  
    long durationTime;  
    long currentPosition;  
}
```

FIG. 18

```
class TVContent {  
    long id;  
    Time startTime;  
    Time endTime;  
    int channel;  
    String Title;  
    Set categories;  
    String description;  
    MediaLocator media;  
    long mediaOffset;  
    Int status;  
    Time reservedTime;  
}
```

FIG. 19

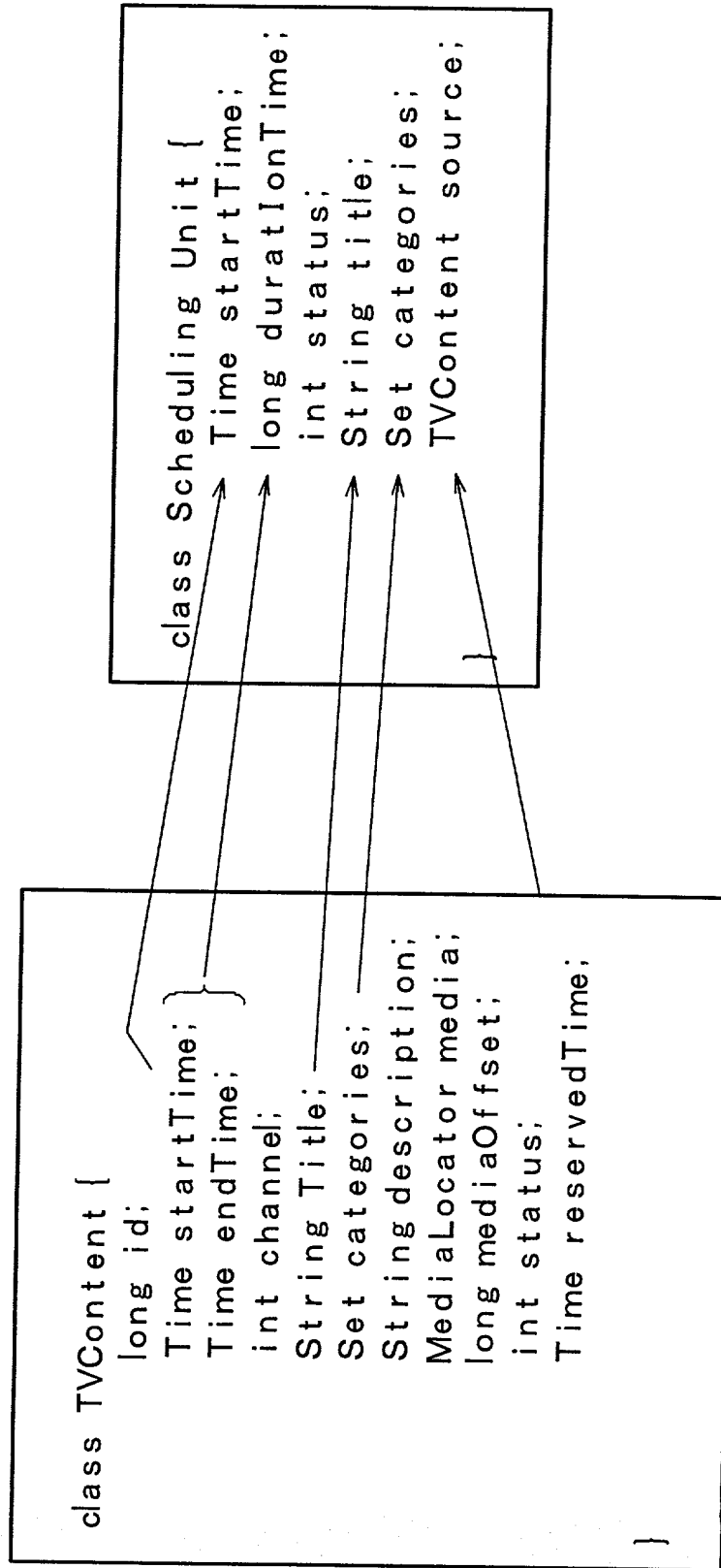


FIG. 20

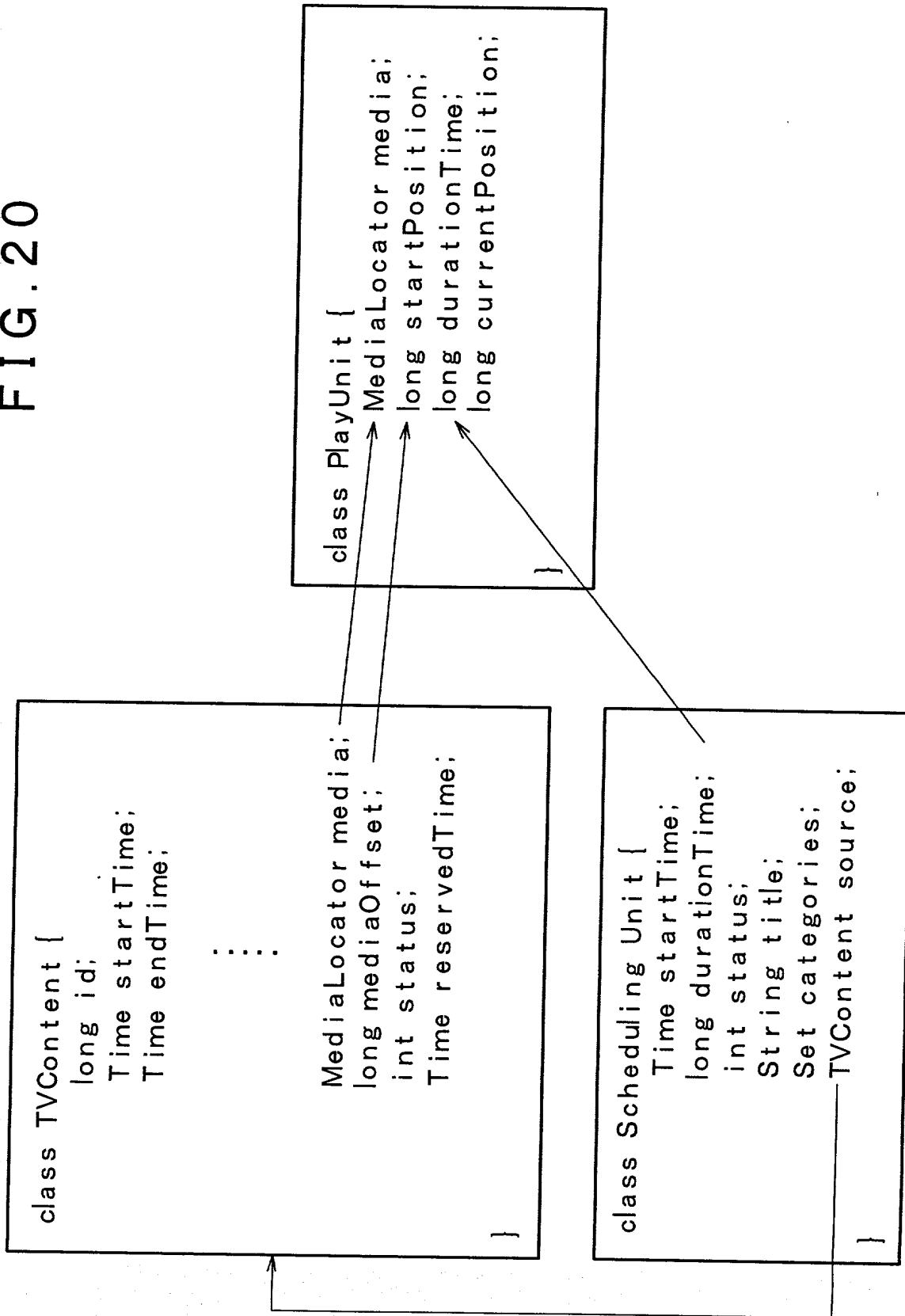


FIG. 21

```
class ToWatchListEntry {  
    long currentPosition;  
    String Title;  
    long durationTime;  
    int status;  
    TVContent source;  
}
```

FIG. 22

